Egon Schulte

List of Publications by Year
in descending order

58 papers	957 citations	516710 16 h-index	642732 23 g-index
60 all docs	60 docs citations	60 times ranked	110 citing authors

#	Article	IF	Citations
1	Universal Alternating Semiregular Polytopes. Canadian Journal of Mathematics, 2021, 73, 572-595.	0.6	0
2	On the Regularity Radius of Delone Sets in $${mathbb {R}}^3$$. Discrete and Computational Geometry, 2021, 66, 996-1024.	0.6	10
3	The Assembly Problem for Alternating Semiregular Polytopes. Discrete and Computational Geometry, 2020, 64, 453-482.	0.6	1
4	Isotopy classification of three-dimensional embedded nets. Acta Crystallographica Section A: Foundations and Advances, 2020, 76, 273-274.	0.1	0
5	On the origin of crystallinity: a lower bound for the regularity radius of Delone sets. Acta Crystallographica Section A: Foundations and Advances, 2018, 74, 616-629.	0.1	16
6	Regular Incidence Complexes, Polytopes, and C-Groups. Springer Proceedings in Mathematics and Statistics, 2018, , 311-333.	0.2	0
7	Skeletal Geometric Complexes and Their Symmetries. Mathematical Intelligencer, 2017, 39, 5-16.	0.2	1
8	Wythoffian Skeletal Polyhedra in Ordinary Space, I. Discrete and Computational Geometry, 2016, 56, 657-692.	0.6	4
9	Polytopes with Preassigned Automorphism Groups. Discrete and Computational Geometry, 2015, 54, 444-458.	0.6	7
10	Cube-like incidence complexes and their groups. Proceedings of the Steklov Institute of Mathematics, 2015, 288, 226-242.	0.3	2
11	Colorful associahedra and cyclohedra. Journal of Combinatorial Theory - Series A, 2015, 129, 122-141.	0.8	5
12	Finite polytopes have finite regular covers. Journal of Algebraic Combinatorics, 2014, 40, 75-82.	0.8	10
13	Polyhedra, complexes, nets and symmetry. Acta Crystallographica Section A: Foundations and Advances, 2014, 70, 203-216.	0.1	22
14	Hereditary Polytopes. Fields Institute Communications, 2014, , 279-302.	1.3	5
15	Polygonal Complexes and Graphs for Crystallographic Groups. Fields Institute Communications, 2014, , 325-344.	1.3	3
16	Icosahedral skeletal polyhedra realizing Petrie relatives of Gordanâ€™s regular map. Beitrage Zur Algebra Und Geometrie, 2013, 54, 651-657.	0.5	1
17	Colorful polytopes and graphs. Israel Journal of Mathematics, 2013, 195, 647-675.	0.8	3
18	Regular polygonal complexes in space, II. Transactions of the American Mathematical Society, 2012, 365, 2031-2061.	0.9	9

#	Article	IF	Citations
19	Convex-Faced Combinatorially Regular Polyhedra of Small Genus. Symmetry, 2012, 4, 1-14.	2.2	5
20	Symmetric Graphs from Polytopes of High Rank. Graphs and Combinatorics, 2012, 28, 843-857.	0.4	0
21	Semiregular polytopes and amalgamated C-groups. Advances in Mathematics, 2012, 229, 2767-2791.	1.1	15
22	Symmetric graphicahedra. Ars Mathematica Contemporanea, 2012, 5, 383-405.	0.6	2
23	On the size of equifacetted semi-regular polytopes. Glasnik Matematicki, 2012, 47, 421-430.	0.3	5
24	Constructions of Chiral Polytopes of Small Rank. Canadian Journal of Mathematics, 2011, 63, 1254-1283.	0.6	24
25	Regular polyhedra of index two, I. Beitrage Zur Algebra Und Geometrie, 2011, 52, 133-161.	0.5	11
26	Locally toroidal polytopes and modular linear groups. Discrete Mathematics, 2010, 310, 1759-1771.	0.7	3
27	The graphicahedron. European Journal of Combinatorics, 2010, 31, 1868-1879.	0.8	5
28	Regular polygonal complexes in space, I. Transactions of the American Mathematical Society, 2010, 362, 6679-6679.	0.9	11
29	Modular Reduction in Abstract Polytopes. Canadian Mathematical Bulletin, 2009, 52, 435-450.	0.5	9
30	Reflection groups and polytopes over finite fields, III. Advances in Applied Mathematics, 2008, 41, 76-94.	0.7	12
31	Groups of type L ₂(q) acting on polytopes. Advances in Geometry, 2007, 7, 529-539.	0.4	29
32	Reflection groups and polytopes over finite fields, II. Advances in Applied Mathematics, 2007, 38, 327-356.	0.7	12
33	Semisymmetric graphs from polytopes. Journal of Combinatorial Theory - Series A, 2007, 114, 421-435.	0.8	23
34	Problems on polytopes, their groups, and realizations. Periodica Mathematica Hungarica, 2006, 53, 231-255.	0.9	16
35	Chiral Polyhedra in Ordinary Space, II. Discrete and Computational Geometry, 2005, 34, 181-229.	0.6	24
36	Chiral Polyhedra in Ordinary Space, I. Discrete and Computational Geometry, 2004, 32, 55-99.	0.6	33

#	Article	IF	Citations
37	Reflection groups and polytopes over finite fields, I. Advances in Applied Mathematics, 2004, 33, 290-317.	0.7	15
38	The Mix of a Regular Polytype with a Face. Annals of Combinatorics, 2002, 6, 77-86.	0.6	7
39	Locally unitary groups and regular polytopes. Advances in Applied Mathematics, 2002, 29, 1-45.	0.7	2
40	Symmetric Tessellations on Euclidean Space-Forms. Canadian Journal of Mathematics, 1999, 51, 1230-1239.	0.6	7
41	Flat regular polytopes. Annals of Combinatorics, 1997, 1, 261-278.	0.6	4
42	Twisted Groups and Locally Toroidal Regular Polytopes. Transactions of the American Mathematical Society, 1996, 348, 1373-1410.	0.9	8
43	Higher Toroidal Regular Polytopes. Advances in Mathematics, 1996, 117, 17-51.	1.1	25
44	Chiral polytopes from hyperbolic honeycombs. Discrete and Computational Geometry, 1995, 13, 17-39.	0.6	6
45	Manifold structures on abstract regular polytopes. Aequationes Mathematicae, 1995, 49, 12-35.	0.8	6
46	Free Extensions of Chiral Polytopes. Canadian Journal of Mathematics, 1995, 47, 641-654.	0.6	16
47	Chirality and projective linear groups. Discrete Mathematics, 1994, 131, 221-261.	0.7	54
48	Space fillers of higher genus. Journal of Combinatorial Theory - Series A, 1994, 68, 438-453.	0.8	7
49	Locally toroidal regular polytopes of rank 4. Commentarii Mathematici Helvetici, 1992, 67, 77-118.	0.7	8
50	Hermitian forms and locally toroidal regular polytopes. Advances in Mathematics, 1990, 82, 88-125.	1.1	28
51	Amalgamation of Regular Incidence-Polytopes. Proceedings of the London Mathematical Society, 1988, s3-56, 303-328.	1.3	29
52	Regular incidence-polytopes with Euclidean or toroidal faces and vertex-figures. Journal of Combinatorial Theory - Series A, 1985, 40, 305-330.	0.8	24
53	The existence of non-tiles and non-facets in three dimensions. Journal of Combinatorial Theory - Series A, 1985, 38, 75-81.	0.8	9
54	Preassigning the shape for bodies of constant width. Monatshefte Fur Mathematik, 1983, 96, 157-164.	0.9	7

#	Article	IF	Citations
55	Reguli¿½re Inzidenzkomplexe II. Geometriae Dedicata, 1983, 14, 33.	0.3	44
56	Reguli¿½re Inzidenzkomplexe III. Geometriae Dedicata, 1983, 14, 57.	0.3	40
57	On Arranging Regular Incidence-Complexes as Faces of Higher-Dimensional Ones. European Journal of Combinatorics, 1983, 4, 375-384.	0.8	17
58	Konstruktion regulï¿½rer Hï¿½llen konstanter Breite. Monatshefte Fur Mathematik, 1981, 92, 313-322.	0.9	8